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# NOTICE OF ALLOWANCE AND FEE(S) DUE

30449

7590

12/20/2004

SCHMEISER, OLSEN + WATTS SUITE 201 3 LEAR JET LATHAM, NY 12033 EXAMINER

PAPER NUMBER

PICARDAT, KEVIN M

ART UNIT

DATE MAILED: 12/20/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/708,647	03/17/2004	Hiroyuki Akatsu	F1S920030390	2646

TITLE OF INVENTION: VERTICAL SEMICONDUCTOR DEVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/21/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) we your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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or <u>Fax</u> (703) 746-4000

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30449 7	12/20/2004			have its own certificate	of mailing or transmission.	can or formal drawing, in
SCHMEISER, O SUITE 201 3 LEAR JET LATHAM, NY 12	OLSEN + WATTS			Cen I hereby certify that the States Postal Service waddressed to the Mai transmitted to the USP	tificate of Mailing or Trans his Fee(s) Transmittal is bein with sufficient postage for fir I Stop ISSUE FEE address TO (703) 746-4000, on the o	smission g deposited with the Un st class mail in an envel above, or being facsim date indicated below.
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EXAM	MINER	ART UNIT		CLASS-SUBCLASS		
PICARDA	Γ, KEVIN M	2822		438-270000		
"Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AND		Ation form e of a Customer  E PRINTED ON THI clow, no assignee dat of this form is NOT a	or agents ( (2) the nar registered 2 registere listed, no re E PATENT ta will appressible substitute	mes of up to 3 registered pater OR, alternatively, me of a single firm (having as a attorney or agent) and the name of patent attorneys or agents. If name will be printed.  (print or type) ear on the patent. If an assign for filing an assignment.  (EE: (CITY and STATE OR COUNTY)	ee is identified below, the d	locument has been filed
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☐ Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.			
Advance Order - # of Copies			The Dire	ctor is hereby authorized by count Number	harge the required fee(s), or	credit any overpayment opy of this form).
	(from status indicated above MALL ENTITY status. See	_	_	ant is no longer claiming SMA		<u>-</u>
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This collection of informatic an application. Confidential submitting the completed ap this form and/or suggestions Box 1450, Alexandria, Virginia 22313	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. oplication form to the USPTs for reducing this burden, shinia 22313-1450. DO NOT 1.1450.	11. The information is 122 and 37 CFR 1.14 O. Time will vary de ould be sent to the CI SEND FEES OR COM	s required t 4. This coll pending up hief Inform MPLETED	to obtain or retain a benefit by the lection is estimated to take 12 to son the individual case. Any contains Officer, U.S. Patent and FORMS TO THIS ADDRESS	he public which is to file (an ninutes to complete, includir mments on the amount of ti Trademark Office, U.S. Dep s. SEND TO: Commissioner	d by the USPTO to proc ag gathering, preparing, me you require to comp artment of Commerce, P for Patents, P.O. Box 14

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LATHAM, NY	12033		2822		
			DATE MAILED: 12/20/2004	1	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.